

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sss189dxw

PASSWORD:

LOGINID/PASSWORD REJECTED

The loginid and/or password sent to STN were invalid.  
You either typed them incorrectly, or line noise may  
have corrupted them.

Do you wish to retry the logon?

Enter choice (y/N):

Do you wish to use the same loginid and password?

Enter choice (y/N):sss189dxw

LOGINID:

PASSWORD:

LOGINID/PASSWORD REJECTED

The loginid and/or password sent to STN were invalid.  
You either typed them incorrectly, or line noise may  
have corrupted them.

Do you wish to retry the logon?

Enter choice (y/N):

Do you wish to use the same loginid and password?

Enter choice (y/N):

Connecting via Winsock to STN

LOGINID:

ssspt189dxw

STNLOGON timed out

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sss189dxw

PASSWORD:

Green15

LOGINID/PASSWORD REJECTED

The loginid and/or password sent to STN were invalid.  
You either typed them incorrectly, or line noise may  
have corrupted them.

Do you wish to retry the logon?

Enter choice (y/N):

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspt189dxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUL 28	CA/CAPplus patent coverage enhanced
NEWS	3	JUL 28	EPFULL enhanced with additional legal status information from the epline Register
NEWS	4	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	5	JUL 28	STN Viewer performance improved
NEWS	6	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	7	AUG 13	CA/CAPplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	8	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	9	AUG 15	CAPplus currency for Korean patents enhanced
NEWS	10	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS	11	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS	12	SEP 25	CA/CAPplus current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS	13	SEP 26	WPIDS, WPINDEX, and WPIX coverage of Chinese and Korean patents enhanced
NEWS	14	SEP 29	IFICLS enhanced with new super search field
NEWS	15	SEP 29	EMBASE and EMBAL enhanced with new search and display fields
NEWS	16	SEP 30	CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents
NEWS	17	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS	18	OCT 07	Multiple databases enhanced for more flexible patent number searching
NEWS	19	OCT 22	Current-awareness alert (SDI) setup and editing enhanced
NEWS	20	OCT 22	WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications
NEWS	21	OCT 24	CHEMLIST enhanced with intermediate list of pre-registered REACH substances
NEWS EXPRESS	JUNE 27 08		CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 18:42:33 ON 11 NOV 2008

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 18:42:49 ON 11 NOV 2008

69 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0\* with SET DETAIL OFF.

=> s biliverdin and (ava or bird or avian or reptile or snake or reptilian) and reductase

4	FILE BIOSIS
1	FILE BIOTECHNO
10	FILE CAPLUS
2	FILE DGENE
1	FILE DRUGU
1	FILE EMBASE
2	FILE GENBANK
3	FILE IFIPAT
1	FILE MEDLINE
43 FILES SEARCHED...	
1	FILE TOXCENTER
75	FILE USPATFULL
8	FILE USPAT2
1	FILE WPIDS
1	FILE WPINDEX

14 FILES HAVE ONE OR MORE ANSWERS, 69 FILES SEARCHED IN STNINDEX

L1 QUE BILIVERDIN AND (AVA OR BIRD OR AVIAN OR REPTILE OR SNAKE OR REPTILIAN) AND REDUCTASE

=> s L1 and biliverdin reductase and (absorbence or absorbance)

2	FILE IFIPAT
55 FILES SEARCHED...	
14	FILE USPATFULL
1	FILE USPAT2
1	FILE WPIDS
1	FILE WPINDEX

5 FILES HAVE ONE OR MORE ANSWERS, 69 FILES SEARCHED IN STNINDEX

L2 QUE L1 AND BILIVERDIN REDUCTASE AND (ABSORBENCE OR ABSORBANCE)

=> file uspatfull uspat2

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.25	3.46

FILE 'USPATFULL' ENTERED AT 18:45:40 ON 11 NOV 2008  
 CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 18:45:40 ON 11 NOV 2008  
 CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

```
=> s 12
L3          15 L2
```

```
=> rem dup 13
DUP IS NOT VALID HERE
```

The DELETE command is used to remove various items stored by the system.

To delete a saved query, saved answer set, saved L-number list, SDI request, batch request, mailing list, or user-defined cluster, format, or search field, enter the name. The name may include ? for left, right, or simultaneous left and right truncation.

Examples:

```
DELETE BIO?/Q      - delete query names starting with BIO
DELETE ?DRUG/A     - delete answer set names ending with DRUG
DELETE ?ELEC?/L    - delete L-number lists containing ELEC
DELETE ANTICOAG/S  - delete SDI request
DELETE ENZYME/B    - delete batch request
DELETE .MYCLUSTER  - delete user-defined cluster
DELETE .MYFORMAT   - delete user-defined display format
DELETE .MYFIELD    - delete user-defined search field
DELETE NAMELIST MYLIST - delete mailing list
```

To delete an ordered document or an offline print, enter its number.

Examples:

```
DELETE P123001C    - delete print request
DELETE D134002C    - delete document order request
```

To delete an individual L-number or range of L-numbers, enter the L-number or L-number range. You may also enter DELETE LAST followed by a number, n, to delete the last n L-numbers. RENUMBER or NORENUMBER may also be explicitly specified to override the value of SET RENUMBER.

Examples:

```
DELETE L21         - delete a single L-number
DELETE L3-L6       - delete a range of L-numbers
DELETE LAST 4      - delete the last 4 L-numbers
DELETE L33-        - delete L33 and any higher L-number
DELETE -L55        - delete L55 and any lower L-number
DELETE L2-L6 RENUMBER - delete a range of L-numbers and
                    renumber remaining L-numbers
DELETE RENUMBER    - renumber L-numbers after deletion of
                    intermediate L-numbers
```

Entire sets of saved items, SDI requests, batch requests, user-defined

items, or E-numbers can be deleted.

Examples:

```
DELETE SAVED/Q - delete all saved queries
DELETE SAVED/A - delete all saved answer sets
DELETE SAVED/L - delete all saved L-number lists
DELETE SAVED - delete all saved queries, answer sets,
               and L-number lists
DELETE SAVED/S - delete all SDI requests
DELETE SAVED/B - delete all batch requests
DELETE CLUSTER - delete all user-defined clusters
DELETE FORMAT - delete all user-defined display formats
DELETE FIELD - delete all user-defined search fields
DELETE SELECT - delete all E-numbers
DELETE HISTORY - delete all L-numbers and restart the
                 session at L1
```

To delete an entire multifile SDI request, enter DELETE and the name of the request. To delete a component from the multifile SDI, enter DELETE and the name of the component.

```
=> dup rem l3
PROCESSING COMPLETED FOR L3
L4          14 DUP REM L3 (1 DUPLICATE REMOVED)
```

```
=> d l4 1-14
```

```
L4    ANSWER 1 OF 14  USPATFULL on STN
AN    2008:253184  USPATFULL
TI    Advanced drug development and manufacturing
IN    Birnbaum, Eva R., Los Alamos, NM, UNITED STATES
      Koppisch, Andrew T., Flagstaff, AZ, UNITED STATES
      Baldwin, Sharon M., Santa Fe, NM, UNITED STATES
      Warner, Benjamin P., Los Alamos, NM, UNITED STATES
      McCleskey, T. Mark, Los Alamos, NM, UNITED STATES
      Stewart, Jeffrey Joseph, Los Alamos, NM, UNITED STATES
      Berger, Jennifer A., Los Alamos, NM, UNITED STATES
      Harris, Michael N., Los Alamos, NM, UNITED STATES
      Burrell, Anthony K., Los Alamos, NM, UNITED STATES
PI    US 20080220441      A1  20080911
AI    US 2007-974156      A1  20071010 (11)
RLI   Continuation-in-part of Ser. No. US 2001-859701, filed on 16 May 2001,
      PENDING Continuation-in-part of Ser. No. US 2002-206524, filed on 25 Jul
      2002, ABANDONED Continuation-in-part of Ser. No. US 2003-621825, filed
      on 16 Jul 2003, Pat. No. US 6858148
PRAI  US 2006-850594P      20061010 (60)
DT    Utility
FS    APPLICATION
LN.CNT 10199
INCL   INCLM: 435/071.000
      INCLS: 436/501.000; 436/172.000; 436/086.000; 378/045.000
NCL    NCLM: 435/071.000
      NCLS: 436/501.000; 436/172.000; 436/086.000; 378/045.000
IC     IPCI  G01N0033-53 [I,A]; G01N0021-76 [I,A]; G01N0033-68 [I,A];
      G01N0023-223 [I,A]; G01N0023-22 [I,C*]
CAS    INDEXING IS AVAILABLE FOR THIS PATENT.
```

```
L4    ANSWER 2 OF 14  USPATFULL on STN
AN    2007:177114  USPATFULL
TI    Genes associate with progression and response in chronic myeloid
      leukemia and uses thereof
```

IN Radich, Jerald P., Sammamish, WA, UNITED STATES  
 Dai, Hongyue, Kenmore, WA, UNITED STATES  
 Mao, Mao, Kirkland, WA, UNITED STATES  
 Schelter, Janell M., Bellevue, WA, UNITED STATES  
 Linsley, Peter S., Seattle, WA, UNITED STATES  
 PI US 20070154931 A1 20070705  
 AI US 2006-640517 A1 20061214 (11)  
 PRAI US 2005-751455P 20051215 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 29037  
 INCL INCLM: 435/006.000  
 INCLS: 702/020.000  
 NCL NCLM: 435/006.000  
 NCLS: 702/020.000  
 IC IPCI C12Q0001-68 [I,A]; G06F0019-00 [I,A]  
 IPCR C12Q0001-68 [I,C]; C12Q0001-68 [I,A]; G06F0019-00 [I,C];  
 G06F0019-00 [I,A]  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 14 USPATFULL on STN  
 AN 2006:294944 USPATFULL  
 TI Assays for the detection of biliverdin in birds and reptiles  
 IN Gregory, Christopher, 1015 Cooper Farm Road, Nicholson, GA, UNITED STATES 30565  
 Ritchie, Branson W., Athens, GA, UNITED STATES  
 PI US 20060252110 A1 20061109  
 AI US 2003-525893 A1 20030827 (10)  
 WO 2003-US27134 20030827  
 20050708 PCT 371 date  
 PRAI US 2002-406175P 20020827 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 1196  
 INCL INCLM: 435/025.000  
 NCL NCLM: 435/025.000  
 IC IPCI C12Q0001-26 [I,A]  
 IPCR C12Q0001-26 [I,C]; C12Q0001-26 [I,A]  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 14 USPATFULL on STN  
 AN 2006:131187 USPATFULL  
 TI Red and near infrared fluorescent phytochrome  
 IN Lagarias, John Clark, Davis, CA, UNITED STATES  
 Fischer, Amanda J., Davis, CA, UNITED STATES  
 PA The Regents of the University of California (U.S. corporation)  
 PI US 20060110827 A1 20060525  
 AI US 2005-123692 A1 20050505 (11)  
 PRAI US 2004-569310P 20040506 (60)  
 US 2004-598661P 20040803 (60)  
 US 2004-640867P 20041230 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 5210  
 INCL INCLM: 435/419.000  
 INCLS: 536/023.600; 530/370.000; 435/006.000; 435/004.000  
 NCL NCLM: 435/419.000  
 NCLS: 435/004.000; 435/006.000; 530/370.000; 536/023.600  
 IC IPCI C12Q0001-68 [I,A]; C12N0015-29 [I,A]  
 IPCR C12Q0001-68 [I,A]; C12N0015-29 [I,C]; C12N0015-29 [I,A];  
 C12Q0001-68 [I,C]  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 14 USPATFULL on STN  
AN 2006:60621 USPATFULL  
TI Genes and pathways differentially expressed in bipolar disorder and/or major depressive disorder  
IN Akil, Huda, Ann Arbor, MI, UNITED STATES  
Bunney, William E. JR., Laguna Beach, CA, UNITED STATES  
Choudary, Prabhakara V., Davis, CA, UNITED STATES  
Evans, Simon J., Milan, MI, UNITED STATES  
Jones, Edward G., Winters, CA, UNITED STATES  
Li, Jun, Palo Alto, CA, UNITED STATES  
Lopez, Juan F., Ann Arbor, MI, UNITED STATES  
Lyons, David M., Palo Alto, CA, UNITED STATES  
Molnar, Margherita, Davis, CA, UNITED STATES  
Myers, Richard M., Stanford, CA, UNITED STATES  
Schatzberg, Alan F., Los Altos, CA, UNITED STATES  
Stein, Richard, Irvine, CA, UNITED STATES  
Thompson, Robert C., Ann Arbor, MI, UNITED STATES  
Tomita, Hiroaki, Irvine, CA, UNITED STATES  
Vawter, Marquis P., Laguna Niguel, CA, UNITED STATES  
Watson, Stanley J., Ann Arbor, MI, UNITED STATES  
PA The Board of Trustees of the Leland Stanford Junior University of Stanford, Palo Alto, CA, UNITED STATES (U.S. corporation)  
PI US 20060051786 A1 20060309  
AI US 2005-158530 A1 20050621 (11)  
PRAI US 2004-581998P 20040621 (60)  
US 2004-621252P 20041022 (60)  
US 2005-667296P 20050331 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 8628  
INCL INCLM: 435/006.000  
INCLS: 435/007.100  
NCL NCLM: 435/006.000  
NCLS: 435/007.100  
IC IPCI C12Q0001-68 [I,A]; G01N0033-53 [I,A]  
IPCR C12Q0001-68 [I,A]; C12Q0001-68 [I,C]; G01N0033-53 [I,C];  
G01N0033-53 [I,A]  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 14 USPATFULL on STN  
AN 2005:241176 USPATFULL  
TI Compositions and methods for diagnosing and treating mental disorders  
IN Akil, Huda, Ann Arbor, MI, UNITED STATES  
Atz, Mary, Tustin, CA, UNITED STATES  
Bunney, William E. JR., Laguna Beach, CA, UNITED STATES  
Choudary, Prabhakara V., Davis, CA, UNITED STATES  
Evans, Simon J., Milan, MI, UNITED STATES  
Jones, Edward G., Winters, CA, UNITED STATES  
Li, Jun, Palo Alto, CA, UNITED STATES  
Lopez, Juan F., Ann Arbor, MI, UNITED STATES  
Myers, Richard M., Stanford, CA, UNITED STATES  
Thompson, Robert C., Ann Arbor, MI, UNITED STATES  
Tomita, Hiroaki, Irvine, CA, UNITED STATES  
Vawter, Marquis P., Niguel, CA, UNITED STATES  
Watson, Stanley, Ann Arbor, MI, UNITED STATES  
PI US 20050209181 A1 20050922  
AI US 2004-982556 A1 20041104 (10)  
PRAI US 2003-517751P 20031105 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 11427

INCL INCLM: 514/044.000  
INCLS: 435/006.000; 514/220.000; 514/259.410; 514/469.000  
NCL NCLM: 514/044.000  
NCLS: 435/006.000; 514/220.000; 514/259.410; 514/469.000  
IC [7]  
ICM C12Q001-68  
ICS A61K048-00; A61K031-519  
IPCI C12Q0001-68 [ICM,7]; A61K0048-00 [ICS,7]; A61K0031-519 [ICS,7]  
IPCR A61B [I,S]; A61K0031-519 [I,C\*]; A61K0031-519 [I,A]; A61K0048-00 [I,C\*]; A61K0048-00 [I,A]; C12Q0001-68 [I,C\*]; C12Q0001-68 [I,A]  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 14 USPATFULL on STN  
AN 2004:38576 USPATFULL  
TI Methods of diagnosis of breast cancer, compositions and methods of screening for modulators of breast cancer  
IN Mack, David H., Menlo Park, CA, UNITED STATES  
Gish, Kurt C., San Francisco, CA, UNITED STATES  
Afar, Daniel, Brisbane, CA, UNITED STATES  
PA Eos Technology, Inc., South San Francisco, CA, UNITED STATES, 94080-7019 (U.S. corporation)  
PI US 20040029114 A1 20040212  
AI US 2002-58270 A1 20020124 (10)  
PRAI US 2001-263965P 20010124 (60)  
US 2001-265928P 20010202 (60)  
US 2001-282698P 20010409 (60)  
US 2001-288590P 20010504 (60)  
US 2001-294443P 20010529 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 42494  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500  
IC [7]  
ICM C12Q001-68  
ICS C07H021-04; C07K014-72; C12P021-02; C12N005-06  
IPCI C12Q0001-68 [ICM,7]; C07H0021-04 [ICS,7]; C07H0021-00 [ICS,7,C\*]; C07K0014-72 [ICS,7]; C07K0014-435 [ICS,7,C\*]; C12P0021-02 [ICS,7]; C12N0005-06 [ICS,7]  
IPCR C07K0014-435 [I,C\*]; C07K0014-47 [I,A]; C12Q0001-68 [I,C\*]; C12Q0001-68 [I,A]  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 14 USPATFULL on STN  
AN 2003:324595 USPATFULL  
TI Methods of diagnosis of Hepatitis C infection, compositions and methods of screening for modulators of Hepatitis C infection  
IN Yat Wah Tom, Edward, Sacramento, CA, UNITED STATES  
Zlotnik, Albert, Palo Alto, CA, UNITED STATES  
PA Eos Biotechnology, Inc., South San Francisco, CA (U.S. corporation)  
PI US 20030228570 A1 20031211  
AI US 2003-366435 A1 20030212 (10)  
RLI Continuation of Ser. No. US 2002-206473, filed on 24 Jul 2002, ABANDONED  
PRAI US 2002-366782P 20020321 (60)  
US 2001-308188P 20010726 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 22742  
INCL INCLM: 435/005.000  
INCLS: 435/006.000; 435/069.300; 435/320.100; 435/325.000; 530/350.000;



530/388.300; 536/023.720

NCL NCLM: 435/005.000  
 NCLS: 435/006.000; 435/069.300; 435/320.100; 435/325.000; 530/350.000;  
 530/388.300; 536/023.720

IC [7]  
 ICM C12Q001-70  
 ICS C12Q001-68; C07H021-04; C07K014-02; C07K016-08; C12P021-02;  
 C12N005-06  
 IPCI C12Q0001-70 [ICM,7]; C12Q0001-68 [ICS,7]; C07H0021-04 [ICS,7];  
 C07H0021-00 [ICS,7,C\*]; C07K0014-02 [ICS,7]; C07K0014-005  
 [ICS,7,C\*]; C07K0016-08 [ICS,7]; C12P0021-02 [ICS,7]; C12N0005-06  
 [ICS,7]  
 IPCR C12Q0001-70 [I,C\*]; C12Q0001-70 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 14 USPATFULL on STN  
 AN 2003:220740 USPATFULL  
 TI Methods and compositions for diagnosing and treating rheumatoid  
 arthritis  
 IN Pittman, Debra D., Windham, NH, UNITED STATES  
 Feldman, Jeffrey L., Arlington, MA, UNITED STATES  
 Shields, Kathleen M., Harvard, MA, UNITED STATES  
 Trepicchio, William L., Andover, MA, UNITED STATES  
 PI US 20030154032 A1 20030814  
 AI US 2001-23451 A1 20011217 (10)  
 PRAI US 2000-255861P 20001215 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 25385  
 INCL INCLM: 702/020.000  
 NCL NCLM: 702/020.000  
 IC [7]  
 ICM G06F019-00  
 ICS G01N033-48  
 IPCI G06F0019-00 [ICM,7]; G01N0033-48 [ICS,7]  
 IPCR A61K0038-00 [N,C\*]; A61K0038-00 [N,A]; C07K0014-435 [I,C\*];  
 C07K0014-47 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 10 OF 14 USPATFULL on STN  
 AN 2003:120026 USPATFULL  
 TI Identification of modulatory molecules using inducible promoters  
 IN Brown, Steven J., San Diego, CA, UNITED STATES  
 Dunnington, Damien J., San Diego, CA, UNITED STATES  
 Clark, Imran, San Diego, CA, UNITED STATES  
 PI US 20030082511 A1 20030501  
 AI US 2001-965201 A1 20010925 (9)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 5526  
 INCL INCLM: 435/004.000  
 INCLS: 435/006.000  
 NCL NCLM: 435/004.000  
 NCLS: 435/006.000  
 IC [7]  
 ICM C12Q001-00  
 ICS C12Q001-68  
 IPCI C12Q0001-00 [ICM,7]; C12Q0001-68 [ICS,7]  
 IPCR G01N0033-50 [I,C\*]; G01N0033-50 [I,A]; G01N0033-68 [I,C\*];  
 G01N0033-68 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 14 USPATFULL on STN DUPLICATE 1  
 AN 2002:301655 USPATFULL  
 TI Compounds and methods for regulating cell differentiation  
 IN Falchuk, Kenneth H., Newton, MA, UNITED STATES  
 PA President & Fellows of Harvard College, Cambridge, MA, UNITED STATES  
 (U.S. corporation)  
 PI US 20020169201 A1 20021114  
 US 6902881 B2 20050607  
 AI US 2001-8356 A1 20011113 (10)  
 RLI Continuation-in-part of Ser. No. US 2001-977866, filed on 15 Oct 2001,  
 PENDING  
 PRAI US 2000-240497P 20001013 (60)  
 US 2000-247299P 20001110 (60)  
 US 2001-262233P 20010117 (60)  
 US 2001-264814P 20010129 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 4893  
 INCL INCLM: 514/422.000  
 INCLS: 548/518.000  
 NCL NCLM: 435/001.100; 514/422.000  
 NCLS: 435/325.000; 514/359.000; 514/422.000; 548/518.000  
 IC [7]  
 ICM A61K031-4025  
 ICS C07D043-14  
 IPCI A61K0031-4025 [ICM,7]; C07D0043-14 [ICS,7]  
 IPCI-2 A01N0001-00 [ICM,7]; A01N0043-38 [ICS,7]; A01N0043-34 [ICS,7,C\*];  
 C12N0005-02 [ICS,7]; A61K0031-409 [ICS,7]  
 IPCR A61K0031-409 [I,C\*]; A61K0031-409 [I,A]  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 14 USPATFULL on STN  
 AN 97:68351 USPATFULL  
 TI Nucleic acid preparation methods  
 IN Lin, Lily, Berkeley, CA, United States  
 PA HRI Research, Inc., Concord, CA, United States (U.S. corporation)  
 PI US 5654179 19970805  
 AI US 1994-317220 19941003 (8)  
 RLI Continuation of Ser. No. US 1993-44649, filed on 8 Apr 1993, now  
 abandoned which is a continuation-in-part of Ser. No. US 1992-901545,  
 filed on 19 Jun 1992, now abandoned which is a continuation-in-part of  
 Ser. No. US 1990-614921, filed on 14 Nov 1990, now patented, Pat. No. US  
 5284940, issued on 8 Feb 1994  
 DT Utility  
 FS Granted  
 LN.CNT 2765  
 INCL INCLM: 435/091.200  
 INCLS: 435/270.000; 436/177.000; 436/825.000; 536/025.400; 536/025.410;  
 536/025.420  
 NCL NCLM: 435/091.200  
 NCLS: 435/270.000; 436/177.000; 436/825.000; 536/025.400; 536/025.410;  
 536/025.420  
 IC [6]  
 ICM C12P019-34  
 ICS C07H021-02  
 IPCI C12P0019-34 [ICM,6]; C12P0019-00 [ICM,6,C\*]; C07H0021-02 [ICS,6];  
 C07H0021-00 [ICS,6,C\*]  
 IPCR C12N0015-10 [I,C\*]; C12N0015-10 [I,A]; C12Q0001-68 [I,C\*];  
 C12Q0001-68 [I,A]; C12Q0001-70 [I,C\*]; C12Q0001-70 [I,A]  
 EXF 435/91.2; 435/270; 536/25.4; 536/25.41; 536/25.42; 436/177; 436/825  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 13 OF 14 USPATFULL on STN  
 AN 97:31574 USPATFULL  
 TI Nucleic acid preparation methods  
 IN Lin, Lily, Berkeley, CA, United States  
 Cimino, George, Richmond, CA, United States  
 Zhu, Yu S., Richmond, CA, United States  
 PA HRI Research, Inc., Concord, CA, United States (U.S. corporation)  
 PI US 5620852 19970415  
 AI US 1994-332616 19941031 (8)  
 RLI Continuation of Ser. No. US 1992-901545, filed on 19 Jun 1992, now  
 abandoned which is a continuation-in-part of Ser. No. US 1990-614921,  
 filed on 14 Nov 1990, now patented, Pat. No. US 5284940  
 DT Utility  
 FS Granted  
 LN.CNT 2451  
 INCL INCLM: 435/006.000  
 INCLS: 536/025.300; 536/022.100; 435/091.100  
 NCL NCLM: 435/006.000  
 NCLS: 435/091.100; 536/022.100; 536/025.300  
 IC [6]  
 ICM C12Q001-68  
 ICS C12P019-34  
 IPCI C12Q0001-68 [ICM,6]; C12P0019-34 [ICS,6]; C12P0019-00 [ICS,6,C\*]  
 IPCR C12N0015-10 [I,C\*]; C12N0015-10 [I,A]; C12Q0001-68 [I,C\*];  
 C12Q0001-68 [I,A]; C12Q0001-70 [I,C\*]; C12Q0001-70 [I,A]  
 EXF 536/25.4; 536/25.41; 536/25.42; 536/25.3; 435/6  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 14 OF 14 USPATFULL on STN  
 AN 94:11507 USPATFULL  
 TI Preparation for nucleic acid samples  
 IN Lin, Lily, Berkeley, CA, United States  
 Isaacs, Stephen T., Orinda, CA, United States  
 Hearst, John E., Berkeley, CA, United States  
 PA HRI Research, Inc., Concord, CA, United States (U.S. corporation)  
 PI US 5284940 19940208  
 AI US 1990-614921 19901114 (7)  
 DT Utility  
 FS Granted  
 LN.CNT 2082  
 INCL INCLM: 536/025.400  
 INCLS: 536/025.410; 536/025.420; 435/006.000; 435/270.000  
 NCL NCLM: 536/025.400  
 NCLS: 435/006.000; 435/270.000; 536/025.410; 536/025.420  
 IC [5]  
 ICM C07H023-00  
 ICS C12Q001-68; C12N001-08  
 IPCI C07H0023-00 [ICM,5]; C12Q0001-68 [ICS,5]; C12N0001-08 [ICS,5]  
 IPCR C07K0016-44 [I,C\*]; C07K0016-44 [I,A]; C12N0015-10 [I,C\*];  
 C12N0015-10 [I,A]; C12Q0001-68 [I,C\*]; C12Q0001-68 [I,A];  
 C12Q0001-70 [I,C\*]; C12Q0001-70 [I,A]  
 EXF 435/270; 435/280; 435/6; 435/262; 435/259; 435/805; 536/27; 536/28;  
 536/25.4; 536/25.41; 536/25.42  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=>

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

65.70

69.16

STN INTERNATIONAL LOGOFF AT 19:06:04 ON 11 NOV 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspt189dxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	DEC 01	ChemPort single article sales feature unavailable
NEWS	3	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	4	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	5	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS	6	FEB 10	COMPENDEX reloaded and enhanced
NEWS	7	FEB 11	WTEXTILES reloaded and enhanced
NEWS	8	FEB 19	New patent-examiner citations in 300,000 CA/CAPLUS patent records provide insights into related prior art
NEWS	9	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	10	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	11	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	12	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	13	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS	14	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS	15	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS	16	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS	17	MAR 11	ESBIOBASE reloaded and enhanced
NEWS	18	MAR 20	CAS databases on STN enhanced with new super role for nanomaterial substances
NEWS	19	MAR 23	CA/CAPLUS enhanced with more than 250,000 patent equivalents from China
NEWS	20	MAR 30	IMSPATENTS reloaded and enhanced
NEWS	21	APR 03	CAS coverage of exemplified prophetic substances enhanced
NEWS	22	APR 07	STN is raising the limits on saved answers
NEWS	23	APR 24	CA/CAPLUS now has more comprehensive patent assignee information
NEWS	24	APR 26	USPATFULL and USPAT2 enhanced with patent assignment/reassignment information
NEWS	25	APR 28	CAS patent authority coverage expanded

NEWS 26 APR 28 ENCOMPLIT/ENCOMPLIT2 search fields enhanced  
 NEWS 27 APR 28 Limits doubled for structure searching in CAS  
 REGISTRY  
 NEWS 28 MAY 08 STN Express, Version 8.4, now available  
 NEWS 29 MAY 11 STN on the Web enhanced  
 NEWS 30 MAY 11 BEILSTEIN substance information now available on  
 STN Easy  
 NEWS 31 MAY 14 DGENE, PCTGEN and USGENE enhanced with increased  
 limits for exact sequence match searches and  
 introduction of free HIT display format  
 NEWS 32 MAY 15 INPADOCDB and INPAFAMDB enhanced with Chinese legal  
 status data

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
 AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that  
 specific topic.

All use of STN is subject to the provisions of the STN customer  
 agreement. This agreement limits use to scientific research. Use  
 for software development or design, implementation of commercial  
 gateways, or use of CAS and STN data in the building of commercial  
 products is prohibited and may result in loss of user privileges  
 and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 00:15:26 ON 24 MAY 2009

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.22	0.22

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,  
 AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,  
 CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,  
 DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 00:15:56 ON 24 MAY 2009

68 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view  
 search error messages that display as 0\* with SET DETAIL OFF.

=> s bilverdin and measur?(p)absorbance and (bird or avian or reptil?)

0\* FILE ADISNEWS  
 0\* FILE ANTE  
 0\* FILE AQUALINE  
 0\* FILE BIOENG  
 0\* FILE BIOTECHABS  
 0\* FILE BIOTECHDS  
 0\* FILE BIOTECHNO  
 0\* FILE CEABA-VTB

16 FILES SEARCHED...

0\* FILE CIN

27 FILES SEARCHED...

0\* FILE FOMAD

```

0* FILE FOREGE
0* FILE FROSTI
0* FILE FSTA
0* FILE KOSMET
0* FILE NTIS
44 FILES SEARCHED...
0* FILE NUTRACEUT
0* FILE PASCAL
0* FILE PHARMAML
58 FILES SEARCHED...
1 FILE USPATFULL
0* FILE WATER

```

1 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STNINDEX

L1 QUE BILVERDIN AND MEASUR?(P) ABSORBANCE AND (BIRD OR AVIAN OR REPTIL?)

=> file uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.72	2.94

FILE 'USPATFULL' ENTERED AT 00:18:18 ON 24 MAY 2009  
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 21 May 2009 (20090521/PD)  
FILE LAST UPDATED: 21 May 2009 (20090521/ED)  
HIGHEST GRANTED PATENT NUMBER: US7536727  
HIGHEST APPLICATION PUBLICATION NUMBER: US20090133177  
CA INDEXING IS CURRENT THROUGH 21 May 2009 (20090521/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 21 May 2009 (20090521/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2009

USPATFULL now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

=> s l1

```

3 BILVERDIN
2008607 MEASUR?
96024 ABSORBANCE
50455 MEASUR?(P) ABSORBANCE
35514 BIRD
22835 AVIAN
8248 REPTIL?

```

L2 1 BILVERDIN AND MEASUR?(P) ABSORBANCE AND (BIRD OR AVIAN OR REPTIL ?)

=> d l2

```

L2 ANSWER 1 OF 1 USPATFULL on STN
AN 2003:220740 USPATFULL
TI Methods and compositions for diagnosing and treating rheumatoid
arthritis
IN Pittman, Debra D., Windham, NH, UNITED STATES
Feldman, Jeffrey L., Arlington, MA, UNITED STATES
Shields, Kathleen M., Harvard, MA, UNITED STATES
Trepicchio, William L., Andover, MA, UNITED STATES
PI US 20030154032 A1 20030814
AI US 2001-23451 A1 20011217 (10)
PRAI US 2000-255861P 20001215 (60)
DT Utility

```

```

FS      APPLICATION
LN.CNT  25385
INCL    INCLM: 702/020.000
NCL     NCLM: 702/020.000
IC      [7]
        ICM      G06F019-00
        ICS      G01N033-48
        IPCI     G06F0019-00 [ICM,7]; G01N0033-48 [ICS,7]
        IPCR     A61K0038-00 [N,C*]; A61K0038-00 [N,A]; C07K0014-435 [I,C*];
                C07K0014-47 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

```

=> d kwic 12

```

L2      ANSWER 1 OF 1  USPATFULL on STN
DETD    . . . for 16 hours. Labeled RNA was purified with the use of an
        RNeasy (Qiagen). The RNA yield was quantitated by measuring
        absorbance at 260 nm.
DETD    . . . 19q13.3          ribosomal protein S11
        ribosomal protein S11
JUN      U65928_at          U65928          PASS      8      8.75      PASS
        11      8      6.55      1.34      1.34      JUN      1p32-p31
        Avian sarcoma virus 17      v-jun avian sarcoma virus
        (v-jun) oncogene homolog      17 oncogene homolog
INT6     U62962_at          U62962          PASS      9      52.67      PASS
        13      9      39.46      1.33      1.33      EIF3S6. . .
DETD    . . . protein 2, 56kD,
        DOK2
37002_at BLVRB          D32143          6      Pass      25 00      11 47
        13      Pass      TRUE      FALSE      FALSE      11 85      2.11
        bilverdin reductase B          19q13 1-
        (flavin reductase          q13 2
        (NADPH), BLVRB
1357_at  USP4          U20657          6      Pass      12 33      4.59
        13      Pass      TRUE. . .
DETD    . . . protein 1,          6p21.3
        KING1
1295_at  RELA          L19067          6      Pass      39.17      15 38
        13      Pass      TRUE      FALSE      FALSE      19 46      2.01
        v-rel avian          11q13
        reticuloendotheliosis          viral
        oncogene homolog A
        (nuclear factor of kappa
        light polypepode gene
        enhancer in B-cells 3
        (p65)), RELA
32271. . .
DETD    . . . 19
        complement (adipsin), DF

```

36645_at	RELA	L19067	6	Pass	33 67	12.82
13	Pass	TRUE	FALSE	FALSE	16 85	2.00
v-rel avian 11q13						

reticuloendotheliosis viral

oncogene homolog A

(nuclear factor af kappa

light polypeptide gene

enhancer in B-cells 3

(p65)), RELA

41471\_at SI00A9. . .

DETD

carrier protein, 17

E2-EPF

570_at	RELB	M83221	6	Pass	8.00	3 35
--------	------	--------	---	------	------	------

6	Fail	FALSE	TRUE	FALSE	3 67	2.18
---	------	-------	------	-------	------	------

v-tel avian

reticuloendotheliosis viral

oncogene homolog B

(nuclear factor of kappa

DETD . . . including both growth

and

(cytokine suppression

responsive apoptosis.

protein cr6).

S74567	1.00	-1.41	3.30	0.41	2.84	1.39	2.88	0.80	2.39
--------	------	-------	------	------	------	------	------	------	------

1.21	avian	S74567	transcription	the
------	-------	--------	---------------	-----

c-maf interaction 8 61.0 cM

musculoaponeu-

factor maf2

site was

mapped to the

rotic fibrosarcoma

(proto-oncogene

sequence.

. .

=> d hist

(FILE 'HOME' ENTERED AT 00:15:26 ON 24 MAY 2009)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 00:15:56 ON 24 MAY 2009  
SEA BILVERDIN AND MEASUR?(P)ABSORBANCE AND (BIRD OR AVIAN OR RE

```

-----
0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CEABA-VTB
0* FILE CIN

```



0\* FILE FOMAD  
0\* FILE FOREGE  
0\* FILE FROSTI  
0\* FILE FSTA  
0\* FILE KOSMET  
0\* FILE NTIS  
0\* FILE NUTRACEUT  
0\* FILE PASCAL  
0\* FILE PHARMAML  
1 FILE USPATFULL  
0\* FILE WATER

L1 QUE BILVERDIN AND MEASUR?(P) ABSORBANCE AND (BIRD OR AVIAN OR R  
-----

FILE 'USPATFULL' ENTERED AT 00:18:18 ON 24 MAY 2009

L2 1 S L1

=> d 12 1

L2 ANSWER 1 OF 1 USPATFULL on STN

AN 2003:220740 USPATFULL

TI Methods and compositions for diagnosing and treating rheumatoid  
arthritis

IN Pittman, Debra D., Windham, NH, UNITED STATES  
Feldman, Jeffrey L., Arlington, MA, UNITED STATES  
Shields, Kathleen M., Harvard, MA, UNITED STATES  
Trepicchio, William L., Andover, MA, UNITED STATES

PI US 20030154032 A1 20030814

AI US 2001-23451 A1 20011217 (10)

PRAI US 2000-255861P 20001215 (60)

DT Utility

FS APPLICATION

LN.CNT 25385

INCL INCLM: 702/020.000

NCL NCLM: 702/020.000

IC [7]

ICM G06F019-00

ICS G01N033-48

IPCI G06F0019-00 [ICM,7]; G01N0033-48 [ICS,7]

IPCR A61K0038-00 [N,C\*]; A61K0038-00 [N,A]; C07K0014-435 [I,C\*];  
C07K0014-47 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

8.32

11.26

STN INTERNATIONAL LOGOFF AT 00:20:36 ON 24 MAY 2009